

Form PTO-1449
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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
072982/0203SERIAL NO.
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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

Mitsumasa TANAKA

FILING DATE

7/20/2000

GROUP ART UNIT

Unassigned

JC 077 U.S. PTO
09/620970

07/20/00

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
PC	A1	6,043,851	3/28/00	Sawada et al.	348	512	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
PC	A2	10-164508	6/19/98	Japan	—	—		Abstr.
PC	A3	10-200860	7/31/98	Japan	—	—		Abstr.
PC	A4	10-136308	5/22/98	Japan	—	—		Abstr.

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

PC: [Signature]

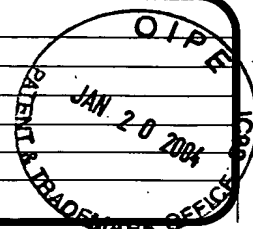
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: January 20, 2004 <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/620,970
				Filing Date	07/20/2000
				First Named Inventor	Mitsumasa TANAKA
				Group Art Unit	2615
				Examiner Name	Po-lin Chieu
				Attorney Docket Number	072982-0203



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
PL	B1	5,596,420	A	DAUM	01-21-1997	
	B2	6,043,851		SAWADA et al.	03-26-2000	
PL	B3	6,163,647	A	TERASHIMA et al.	12-19-2000	

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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
PL	B4	EP	0 840 528	A	NIPPON ELECTRIC CO.	05-06-1998		
	B5	JP	10-200860	A	NEC CORPORATION	07-31-1998		
	B6	JP	10-184508		NEC CORPORATION	06-19-1998		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

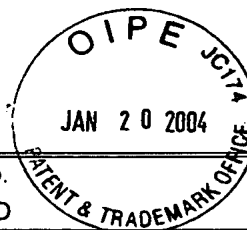
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
231078US2SRDSERIAL NO.
10/305,192

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT
Hirofumi MURATANI, et al.FILING DATE
November 27, 2002GROUP
2613**RECEIVED**
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
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	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AM					
	AN					
	AO					
	AP					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

PL	AQ	S-K. LEE, et al., IEEE Transactions on Consumer Electronics, vol. 46, no. 3, XP-001142898, pages 744-750, "DIGITAL AUDIO WATERMARKING IN THE CEPSTRUM DOMAIN", August 2000				
PL	AR	L. BONEY, et al., Proceedings of the Third IEEE International Conference on Multimedia Computing and Systems, XP-002260347, pages 473-480, "DIGITAL WATERMARKS OF AUDIO SIGNALS", June 17-23, 1996				
PL	AS	S. W. FOO, et al., Proceedings of IEEE Region 10 International Conference on Electrical and Electronic Technology, vol. 1 of 2, XP-010556300, pages 509-513, "AN ADAPTIVE AUDIO WATERMARKING SYSTEM", August 19, 2001				
PL	AT	B-S. KO, et al., IEEE International Conference on Acoustics, Speech, and Signal Processing, vol. 2, XP-002260348, Pages II-2001 - II-2004, "TIME-SPREAD ECHO METHOD FOR DIGITAL AUDIO WATERMARKING USING PN SEQUENCES", May 13-17, 2002				
PL	AU	H. O. OH, et al., IEEE International Conference on Acoustics, Speech, and Signal Processing, vol. 3, XP-001172486, Pages 1341-1344, "NEW ECHO EMBEDDING TECHNIQUE FOR ROBUST AND IMPERCEPTIBLE AUDIO WATERMARKING", May 7-11, 2001				
PL	AV	R. PETROVIC, et al., Telecommunications in Modern Satellite, Cable and Broadcasting Services, XP-010359110, pages 88-95, "DATA HIDING WITHIN AUDIO SIGNALS", October 13-15, 1999				<input type="checkbox"/> Additional References sheet(s) attached

Examiner

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